

**LISTING OF THE CLAIMS:**

1. (Currently Amended) A business activity monitoring system for monitoring events processed by event processing applications implemented on different legacy computer systems, ~~the event processing monitor~~ business activity monitoring comprising:

an order processing system comprising:

a first legacy computer system, the first legacy computer system comprising:

at least one processor;

a first application stored in a memory and executable by the first legacy computer system to process a first portion of an order and write first application data to a first application log file, wherein the first application data is related to the processing of the first portion of the order by the first application; and

a first log agent stored in a memory and executable by the first legacy computer system to monitor a first resource data related to the first legacy computer system used by the first application to process at least some of the first portion of the order and write the first resource data to a first resource log file; and

a second legacy computer system having a different architecture than the first legacy computer system, the second legacy computer system comprising:

at least one processor;

a second application stored in a second memory and executable by the second legacy computer system to process a second portion of the order and write second application data to a second application log file, wherein the second application data is related to the processing of the second portion of the order by the second application, and wherein the second application is distinct from the first application; and

a second log agent stored in a memory and executable by the second legacy computer system to monitor a second resource data related to the second legacy computer system used by the second application to process at least some of the second portion of the order and write the second resource data to a second resource log file;

a plurality of log adapters, each stored in a memory and executable by a processor to communicate with a corresponding one of the first application log file, the second application log file, the first resource log file, and the second resource log file to extract at least a portion of the corresponding one of the first application data, the second application data, the first resource data, and the second resource data instead of communicating with and extracting information from the first application and the second application;

a third computer system independent of the first legacy computer system and the second legacy computer system, the third computer system comprising a

monitor component stored in a memory and executable by a processor ~~the third computer system~~ to communicate with the plurality of log adapters, and determine event status information related to the order using the at least the portion of the first application data, the at least the portion of the second application data, the at least the portion of the first resource data, and the at least the portion of the second resource data without interfering with the processing of the order, wherein the event status information identifies a status of the order within the order processing system and enables analysis of business activities associated with the order processing system; and [(.)]

a graphical user interface stored in a memory and executable by a processor to graphically illustrate an architecture of at least one of the first legacy computer system and the legacy second computer system used by at least one of the first application and the second application to process portions of the order, select a hardware component of the illustrated architecture, and display hardware statistics of the selected hardware component.

2-3. (Cancelled)

4. (Previously Presented) The system of Claim 1, wherein the monitor component is further executable to aggregate the at least the portion of the first application data and

the at least the portion of the second application data to determine a current status of at least one of the first portion of the order and the second portion of the order.

5-7. (Cancelled)

8. (Previously Presented) The system of Claim 1, wherein the monitor component is further executable to aggregate the at least the portion of the first resource data and the at least the portion of the second resource data and provide a computer architecture information.

9. (Previously Presented) The system of Claim 1, wherein the monitor component is further executable to aggregate the at least the portion of the first resource data and the at least the portion of the second resource data and provide a computer capacity information.

10. (Cancelled)

11. (Previously Presented) The system of Claim 1, wherein the monitor component is further executable to determine event status information during processing of at least one of the first portion of the order and the second portion of the order by at least one of the first application and the second application.

12. (Previously Presented) The system of Claim 1, wherein at least one of the first application data and the second application data includes a name associated with an application processing the order and at least one time stamp associated with when the application processes portions of at least one of the first portion of the order and the second portion of the order.

13. (Currently Amended) The system of Claim 1, wherein at least one of the first resource data and the second resource data includes hardware statistics related to at least one of the first legacy computer system and the second legacy computer system.

14. (Currently Amended) The system of Claim 13, wherein the hardware statistics are further defined as a memory parameter of at least one the first legacy computer system and the second legacy computer system.

15. (Currently Amended) The system of Claim 14, wherein at least one of the first legacy computer system and the second legacy computer system allocate all memory on startup to cache memory and wherein the memory parameter is further defined as a memory page allocation by at least one of the first legacy computer system and the second legacy computer system, wherein the monitor component uses the memory page allocation to determine the memory usage by at least one of the first legacy computer system and the second legacy computer system.

16-19. (Cancelled)

20. (Currently Amended) A business activity monitoring method for monitoring order processing by an order processing system including applications operating on computer systems, the business activity monitoring method comprising:

processing, by a first application stored in a first memory and executed by a first legacy computer system of the order processing system, at least a portion of an order;

writing, by the first application, first application data related to the first application processing the order to a first application log file;

writing, by a first log agent stored in a memory and executed by the first legacy computer system, ~~to a first resource log file~~ first hardware information related to the first legacy computer system whereon the first application processes the order to a first resource log file;

processing, ~~at least a portion of the order~~ by a second application stored in a memory and executed by a second legacy computer system of the order processing system, at least a portion of the order, wherein the second legacy computer system has a different architecture than the first legacy computer system, and wherein the second application is distinct from the first application;

writing, by the second application, second application data related to the second application processing the order to a second application log file;

writing, by a second log agent stored in the second memory and executed by the second legacy computer system, ~~to a second resource log file~~ second hardware information related to the second legacy computer system

whereon the second application processes the order to a second resource log file;

extracting, by a plurality of corresponding log adapters stored in a memory and executed by a processor, at least a portion of the first application data, at least a portion of the second application data, at least a portion of the first hardware information, and at least a portion of the second hardware information from the first application log file, the second application log file, the first resource log file, and the second resource log file instead of extracting information from the first application and the second application;  
[[and]]

aggregating, by a monitor component stored in a memory and executed by a ~~processor~~ third computer system that is independent of the first legacy computer system and the second legacy computer system, the at least the portion of the first application data, the at least the portion of the second application data, the at least the portion of the first hardware information, and the at least the portion of the second hardware information to monitor order processing without interfering with the processing of the order;[[.]]

graphically illustrating, by a first graphical user interface stored in a memory and executed by a processor, an architecture of at least one of the first legacy computer system and the legacy second computer system used by at least one of the first application and the second application to process portions of the order;

selecting, by the first graphical user interface, a hardware component of the illustrated architecture;  
displaying, by the first graphical user interface, hardware statistics of the selected hardware component; and  
displaying, by a second graphical user interface stored in a memory and executed by a processor, each application processing the order and a processing time spent by each application on processing the order.

21. (Previously Presented) The method of Claim 20, further comprising using, by the monitor component, at least one of the at least the portion of the first application data and the at least the portion of the second application data to determine a status of the order.

22. (Previously Presented) The method of Claim 21, wherein the status of the order includes a percentage complete of processing of the order.

23. (Previously Presented) The method of Claim 21, wherein the status of the order includes identifying a particular application currently processing the order.

24. (Previously Presented) The method of Claim 23, wherein the status of the order includes a processing time of the order by the particular application.

25-26. (Cancelled)



27. (Currently Amended) The method of Claim 20, further comprising providing a third graphical user interface identifying each application processing the order, the third graphical user interface further identifying a total number of orders received by each application.

28. (Currently Amended) The method of Claim 20, further comprising:

providing a first third graphical user interface to monitor orders.[:;]  
~~providing a second graphical user interface to monitor computer systems; and~~  
~~providing a third graphical user interface to detail order processing totals and application processing totals.~~

29. (Currently Amended) The method of Claim 28, further comprising:

selecting, by the ~~first~~ third graphical user interface, at least one order to monitor;  
searching, by the monitor component, the at least the portion of the first application data and the at least the portion of the second application data for the at least one order selected; and  
providing, by the first third graphical user interface, an order report identifying a current status of the at least one order.

30. (Currently Amended) The computer implemented method of Claim 29, further comprising:

establishing, by the ~~first~~ third graphical user interface, an alarm threshold for an application related to processing of the at least one order;

notifying, by the first third graphical user interface, when the alarm threshold has been exceeded.

31. (Currently Amended) The method of Claim 29, further comprising:

establishing, by the first third graphical user interface, an alarm threshold for the at least one order;

notifying, by the first third graphical user interface, when the alarm threshold has been exceeded.

32. (Cancelled)

33. (Previously Presented) The computer implemented method of Claim 31, further comprising notifying, via a pager, when the alarm threshold has been exceeded.

34-35. (Cancelled)

36. (Currently Amended) A business activity monitoring method for monitoring order processing by an order processing system including applications operating on computer systems, the business activity monitoring method comprising:

processing, by a first application stored in a first memory and executed by a first legacy computer system of the order processing system, at least a portion of an order;

writing, by the first application, application data related to the first application processing the order to a first application log file;

writing, by a first log agent stored in a memory and executed by the first computer system, ~~to a first resource log file~~ first hardware information related to the first computer system whereon the first application processes the order to a first resource log file;

processing, by a second application stored in a first memory and executed by a second legacy computer system of the order processing system, at least a portion of the order, wherein the second legacy computer system has a different architecture than the first legacy computer system, and wherein the second application is distinct from the first application;

writing, by the second application, application data related to the second application processing the order to a second application log file;

writing, by a second log agent stored in a memory and executed by the second legacy computer system, ~~to a second resource log file~~ second hardware information related to the second legacy computer system whereon the second application processes the order to a second resource log file;

extracting, by a plurality of log adapters stored in a memory and executed by a processor, at least a portion of the first application data, at least a portion of the second application data, at least a portion of the first hardware information, and at least a portion of the second hardware information from the first application log file, the second application log file, the first resource log file, and the second resource log file instead of extracting information from the first application and the second application;

aggregating, by a monitor component stored in a memory and executed by a processor third computer system that is independent of the first legacy computer system and the second legacy computer system, the at least the portion of the first application data, the at least ~~[[a]]~~ the portion of the second application data, the at least the portion of the first hardware information, and the at least a portion of the second hardware information to monitor order processing without interfering with the processing of the order;

graphically illustrating, by a graphical user interface stored in a memory and executed by a processor, a hardware architecture of at least one of the first legacy computer system and the second legacy computer system used by at least one of the first application and the second application to process portions of the order;

selecting, by the graphical user interface, a hardware component of the illustrated hardware architecture; and

displaying, by the graphical user interface, hardware statistics of the selected hardware component.

37. (Currently Amended) The method of Claim 36, wherein the hardware statistics are related to one of the first legacy computer system and the second legacy computer system.

38. (Currently Amended) The method of Claim 36, wherein the hardware statistics are further defined as a memory parameter of one of the first legacy computer system and the second legacy computer system.